

Banner General Release Guide

September 2006

Release 7.3.2



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General System

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Introduction

This guide documents Release 7.3.2 of the Banner General System. Release 7.3.2 contains Multi-Institution Functionality (MIF) support for the Banner Voice Response product.

Banner Voice Response was changed to allow callers to choose between institution codes, at institutions that have implemented MIF functionality. These changes allow the client to identify which institutions are to be offered to the caller during a Voice Response call. They also allow for the creation of a menu for selection, as well as the verification of data input.

Since Voice Response administrative rules and functions are part of Banner General, several General objects were changed as well. New baseline data allow for the administrative control of the new Voice Response functionality, as well as for proper definition of these objects within the Voice Response API. These changes allow for the proper identification and selection of base data to be presented and validated through Banner Voice Response.

For more information about Banner Voice Response, refer to the *Banner Voice Response Implementation Guide*. Information about the MIF-specific changes that were made to Voice Response is contained in the *7.0.1 Banner Voice Response Release Guide*.

Prerequisites

The following must be installed prior to this release:

- Banner General Release 7.3
- Oracle Version 9.2.0.6

Note: For Open VMS clients who are using the Campus Card and/or Housing Integration APIs, Oracle Version 9.2.0.7 is required. If those APIs are not being used, then Version 9.2.0.5 is recommended. Version 9.2.0.6 is not available for Open VMS.

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Multi-Institution Functionality (MIF) Support for Voice Response

Changed Form

Oracle/Banner VPD Security Maintenance Form (GSAVPDI)

The **Voice Response Message Number** field was added to the Institution Codes window of this form:

Fields	Descriptions
Voice Response Message Number	Message number assigned to the recorded message that contains the institution code. Column: gtvvpdi_vr_msg_no

Changed Table

VPD Institution Code Validation Table (GTVVPDI)

A new column was added to this table:

<i>Name</i>	<i>Type</i>	<i>Nullable?</i>	<i>Comments</i>
GTVVPDI_VR_MSG_NO	NUMBER(06)	Y	VOICE RESPONSE MESSAGE NUMBER: This field indicates the Voice Response message number that is assigned to the recorded message describing the institution code.

The following scripts make these changes:

- gtvvpdi1.sql—Adds the column.
- gtvvpdi2.sql—Adds the comment on the new column.

Changed Packages

GOKSELS

goksel`s`.sql (package specification)

goksel`1`.sql (package body)

A new cursor, `gtvvpdi_row_c`, was added to this package. It includes an optional parameter to indicate whether Voice Response is calling it, which ensures the selection of only those records where the `gtvvpdi_vr_message_no` indicator is not null.

GOKFUNC

gokfunc`.`sql (package specification)

gokfun`1`.sql (package body)

A new procedure, `p_get_gtvvpdi`, was added to this package. It returns all GTVVPDI records.

GOKTABS

goktabs`.`sql (package specification)

A new record definition for the GTVVPDI table, `gtvvpdi_tab_type`, was added to this package.

SEED Data**igorpprm732.sql**

This script inserts the following new Voice Response data into the Third-Party Function Parameters Table (GORPPRM):

<i>Column Name</i>	<i>New Value</i>	<i>New Value</i>	<i>New Value</i>	<i>New Value</i>	<i>New Value</i>	<i>New Value</i>
GORPPRM_PACKAGE	vrgkocctl.p_	vrgkocctl.p_	vrgkocctl.p_	vrgkocctl.p_	vrgkocctl.p_	vrgkocctl.p_
	vr_mif_	vr_mif_	vr_mif_	vr_mif_	vr_mif_	vr_mif_
	menu	menu	menu	menu	menu	menu
GORPPRM_SEQ	1	2	3	4	5	6
GORPPRM_NAME	VR_MSG	NUM_	LAST_	TEMPID	ENTITY	OPT
		TRIES	OPTION			
GORPPRM_KEY_POS	0	1	2	3	4	5
GORPPRM_OUTPUT_IND	Y	N	N	N	N	N
GORPPRM_TYPE_IND	T	C	C	C	C	C
GORPPRM_MIN_LEN	0	0	0	0	0	1
GORPPRM_MAX_LEN	0	0	0	0	0	1
GORPPRM_SYS_REQ_IND	Y	Y	Y	Y	Y	Y
GORPPRM_ACTIVITY_DATE	SYSDATE	SYSDATE	SYSDATE	SYSDATE	SYSDATE	SYSDATE
GORPPRM_USER_ID	GENERAL	GENERAL	GENERAL	GENERAL	GENERAL	GENERAL

igobfnxr732.sql

The script inserts the following new Voice Response data into the Third-Party Function Calls Table (GOBFNXR):

<i>Column Name</i>	<i>New Value</i>
GOBFNXR_FUNCTION	MIF_MENU
GOBFNXR_PACKAGE	vrgkocctl.p_vr_mif_menu
GOBFNXR_SYS_REQ_IND	Y
GOBFNXR_ACTIVITY_DATE	SYSDATE
GOBFNXR_USER_ID	BASELINE

igortctl732.sql

The script inserts the following new Voice Response data into the Third-Party Electronic Controls Table (GORTCTL):

<i>Column Name</i>	<i>New Value</i>
GORTCTL_GROUP	COMMON
GORTCTL_FUNCTION	MIF_ENABLED
GORTCTL_DESC	Is this Banner instance MIF enabled?
GORTCTL_TERM_YEAR	999999
GORTCTL_TCTL_NUM	1
GORTCTL_VALUE	N
GORTCTL_ACTIVE_IND	Y
GORTCTL_SYS_REQ_IND	Y
GORTCTL_ACTIVITY_DATE	SYSDATE
GORTCTL_USER_ID	GENERAL
GORTCTL_TCTL_SEQNO	1
GORTCTL_BEGIN_DATE	NULL
GORTCTL_END_DATE	NULL
GORTCTL_BEGIN_TIME	NULL
GORTCTL_END_TIME	NULL
GORTCTL_DAYS_AVAIL	EVERYDAY
GORTCTL_YEAR	NULL
GORTCTL_YEAR_2	NULL
GORTCTL_VALUE_2	NULL
GORTCTL_VALUE_3	NULL
GORTCTL_VALUE_4	NULL
GORTCTL_TERM_YEAR_2	NULL
GORTCTL_DATE	NULL
GORTCTL_SYSI_CODE	S
GORTCTL_SYSI_CODE_2	NULL
GORTCTL_RECORD_TYPE	VCFLAG